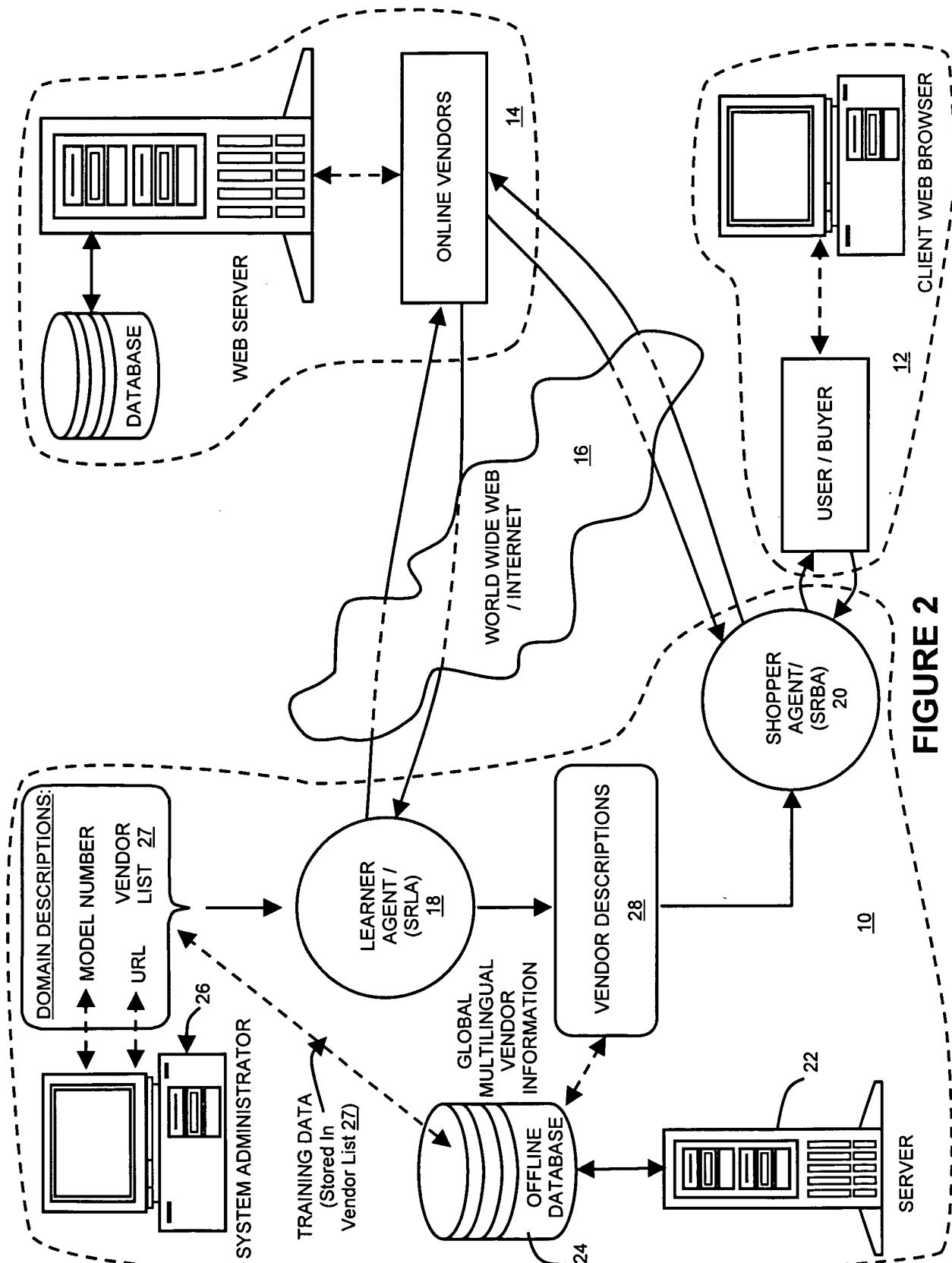


| |
|---|
| {7,"","","<I>","</I>","<TABLE>"} |
| <p>procedure pcwrapHLRT (page P)</p> <p> scan to the line 7 in P</p> <p> while the next occurrence of li in P occurs before the next occurrence of t</p> <p> scan in P to next occurrence of l_i; save position as start of item attribute</p> <p> scan in P to next occurrence of r_i; save position as end of item attribute</p> <p> scan in P to next occurrence of l_p; save position as start of price attribute</p> <p> scan in P to next occurrence of r_p; save position as end of price attribute</p> <p> return extracted, (item,price),.} pairs</p> |

FIGURE 1
(PRIOR ART)

FIG. 1 is a flowchart illustrating a prior art procedure for processing HTML data.



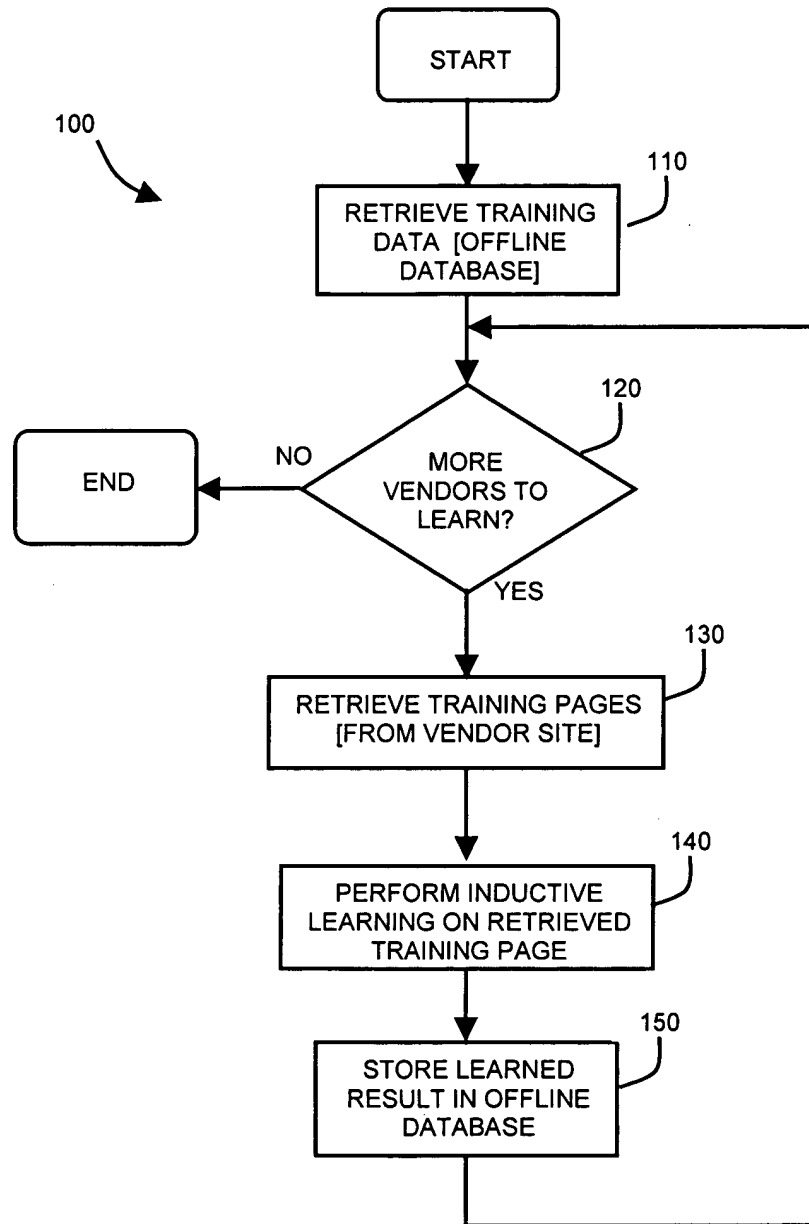


FIGURE 3

| Element Name | Element Description |
|--------------------------|---|
| Vendor Name | Name of the online shop |
| Vendor URL | The URL of the online shop |
| Form URL | The URL to submit search data |
| Learning Domain | The domain used to learn the vendor description |
| Head | The end of header position of vendor's product pages. This element to learnt to reduce the product page searching space and thus shorten the product information extraction time |
| Tail | The start of footer position of vendor's product pages. Same as Head element, with this element the product information extraction time for Shopper Agent is shorten. |
| Left Delimiter of Item | The Shopper Agent uses this two delimiters to identify a product |
| Right Delimiter of Item | |
| Left Delimiter of Price | The Shopper Agent uses this two delimiters to locate a product's price information |
| Right Delimiter of Price | |

FIGURE 4

| EXAMPLE | |
|--------------------------|--|
| Element Name | Element Description |
| Vendor Name | 800.com |
| Vendor URL | http://www.800.com |
| Form URL | http://www.800.com/search/srchrslts.asp?q=1&slteentry=All&entry= |
| Learning Domain | Md |
| Head | 1230 |
| Tail | </BODY> |
| Left Delimiter of Item | /td width="12"> |
| Right Delimiter of Item | </fon |
| Left Delimiter of Price | Your Price: \$ |
| Right Delimiter of Price | |

FIGURE 5

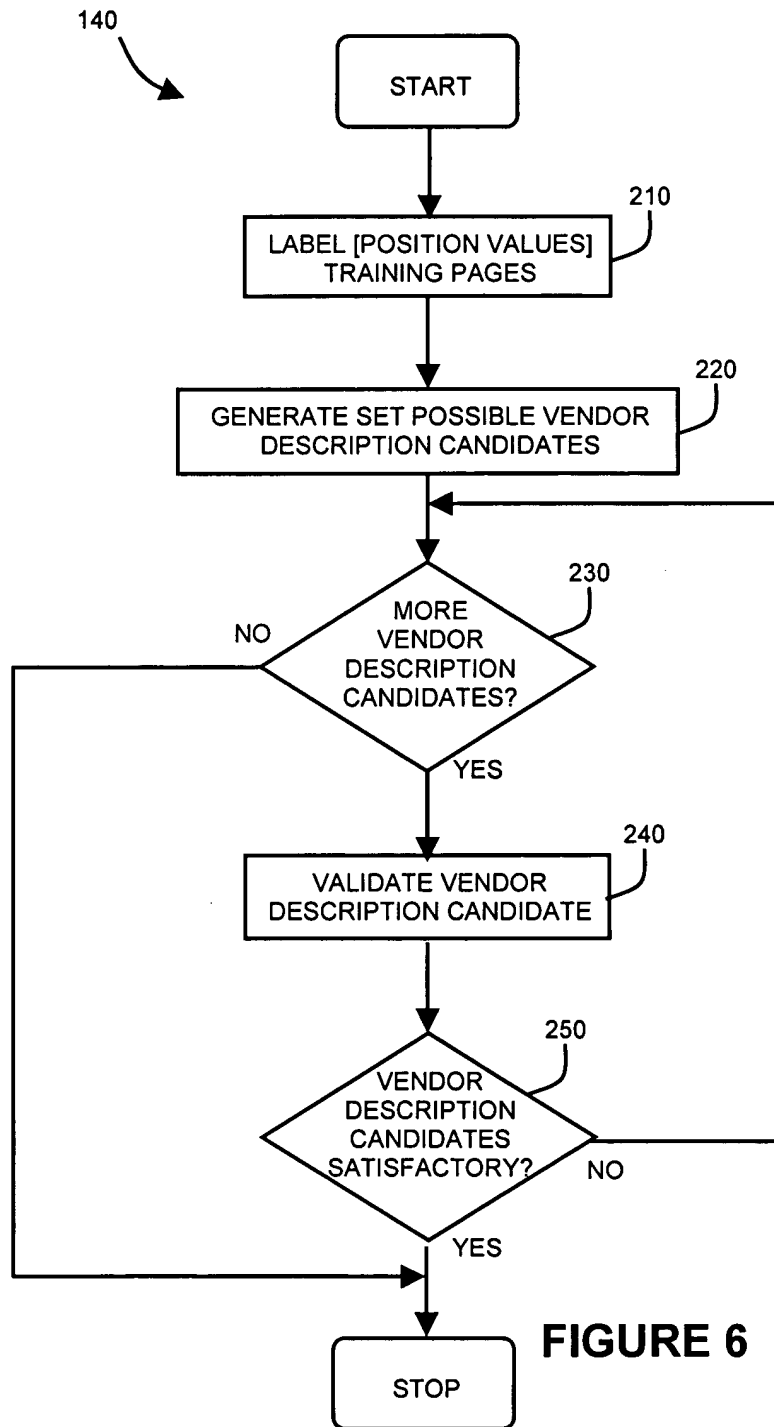


FIGURE 6

| MD PRICE | | <HTML> <TITLE>A Simple Product Catalogs</TITLE> <BODY> <H2> MD Price </H2> <TABLE BORDER=1> <TR BGCOLOR=ORANGE><TH> Model Number </TH> <TH> PRICE(US\$)</TH></TR> <TR><TD> HM381MD</TD><TD><I>399.95</I></TD></TR> <TR><TD> MD2070</TD><TD><I>599.95</I></TD></TR> <TR><TD> MD203</TD><TD><I>249.95</I></TD></TR> <TR><TD> MDR3</TD><TD><I>399.95</I></TD></TR> </TABLE> <P> <HR WIDTH=200 ALIGN=LEFT> <P> End Of The Product Catalog </BODY> </HTML> |
|--------------|--------------|--|
| Model Number | PRICE (US\$) | |
| HM381MD | 399.95 | |
| MD2070 | 599.95 | |
| MD203 | 249.95 | |
| MDR3 | 399.95 | |
| | | |
| | | |
| | | |
| | | |

FIGURE 7

| Product Entry | Labels |
|--------------------|----------------------------|
| { HM381MD, 399.95} | {<<174, 180>, <197, 202>>} |
| { MD2070, 599.95} | {<<229, 234>, <251, 256>>} |
| { MD203, 249.95} | {<<283, 287>, <304, 309>>} |
| { MDR3, 399.95} | {<<336, 339>, <356, 361>>} |

FIGURE 8

| Product Entry | Labels |
|-------------------|---|
| { PRODUCT, PRICE} | {<PRODUCT LEFT DELIMITER, PRODUCT RIGHT DELIMITER>, <PRICE LEFT DELIMITER, PRICE RIGHT DELIMITER>} |
| *** | *** |

FIGURE 9

FIG 7, 8, 9

| Delimiter | Candidates |
|----------------------|--|
| Item Left Delimiter | <TR><TD> TR><TD> R><TD> ><TD> <TD> TD> D> > B> > |
| Item Right Delimiter | </TD><TD>< > </TD><TD>< </TD><TD>< </TD><TD> </TD><TD </TD><T </TD>< </TD> </TD </T </ < </B </ < |
| Price Left Delimiter | </TD><TD>< > /B></TD><TD>< > B></TD><TD>< > ></TD><TD>< > </TD><TD>< > /TD><TD>< > TD><TD>< > D><TD>< > ><TD>< > <TD>< > TD>< > D>< > >< > < > > > |

FIGURE 10A

20250423 10:00:00

| Delimiter | Candidates |
|-----------------------|---|
| Price Right Delimiter | </I></TD></TR </I></TD></T </I></TD></ </I></TD>< </I></TD> </I></TD </I></T </I></ </I>< </I> </I </ < |
| Head | < <H <HT <HTM <HTML <HTML> |
| Tail | > L> ML> TML> HTML> /HTML> |

FIGURE 10B

20250722 10:24:36

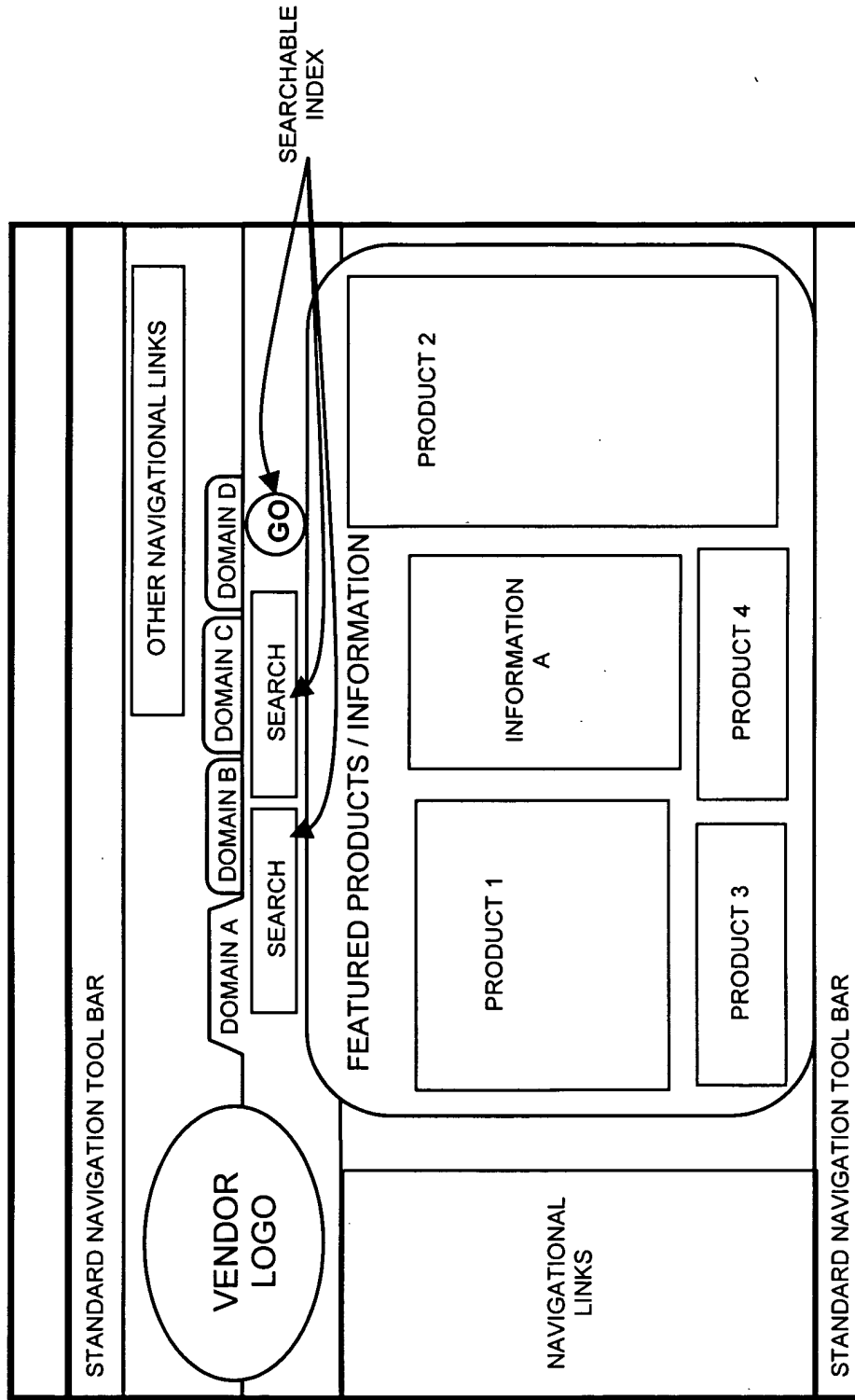


FIGURE 11

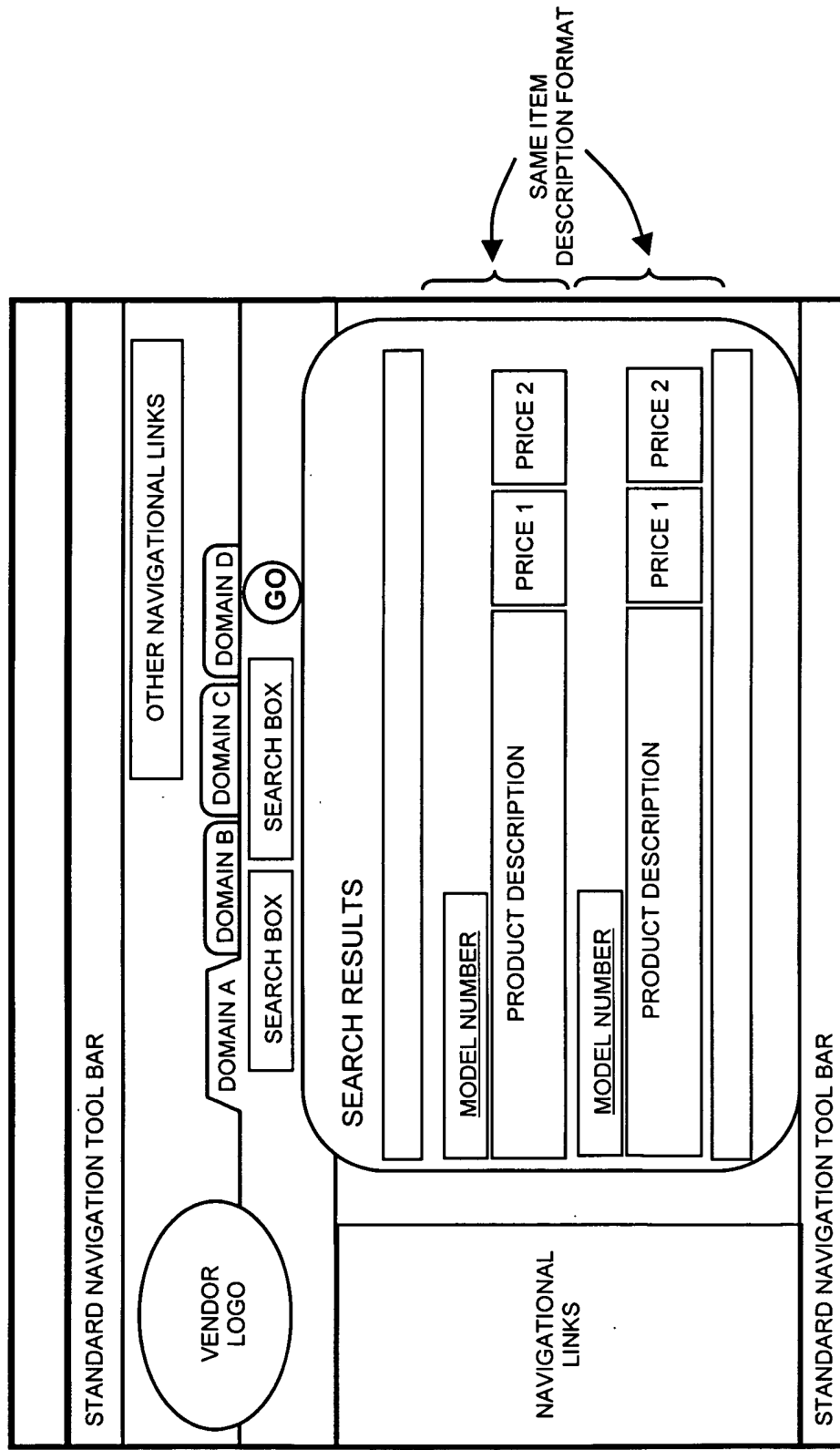


FIGURE 12

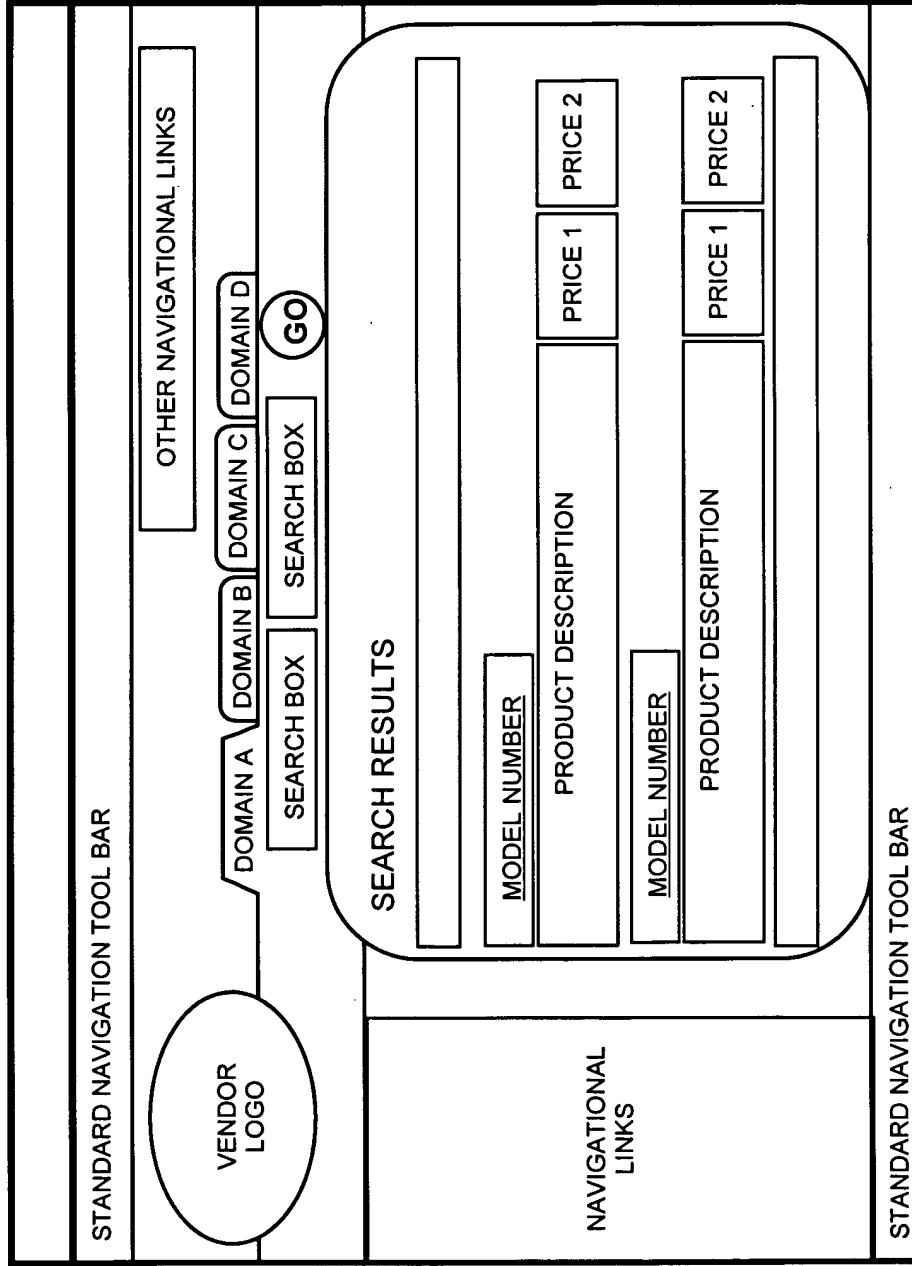


FIGURE 13

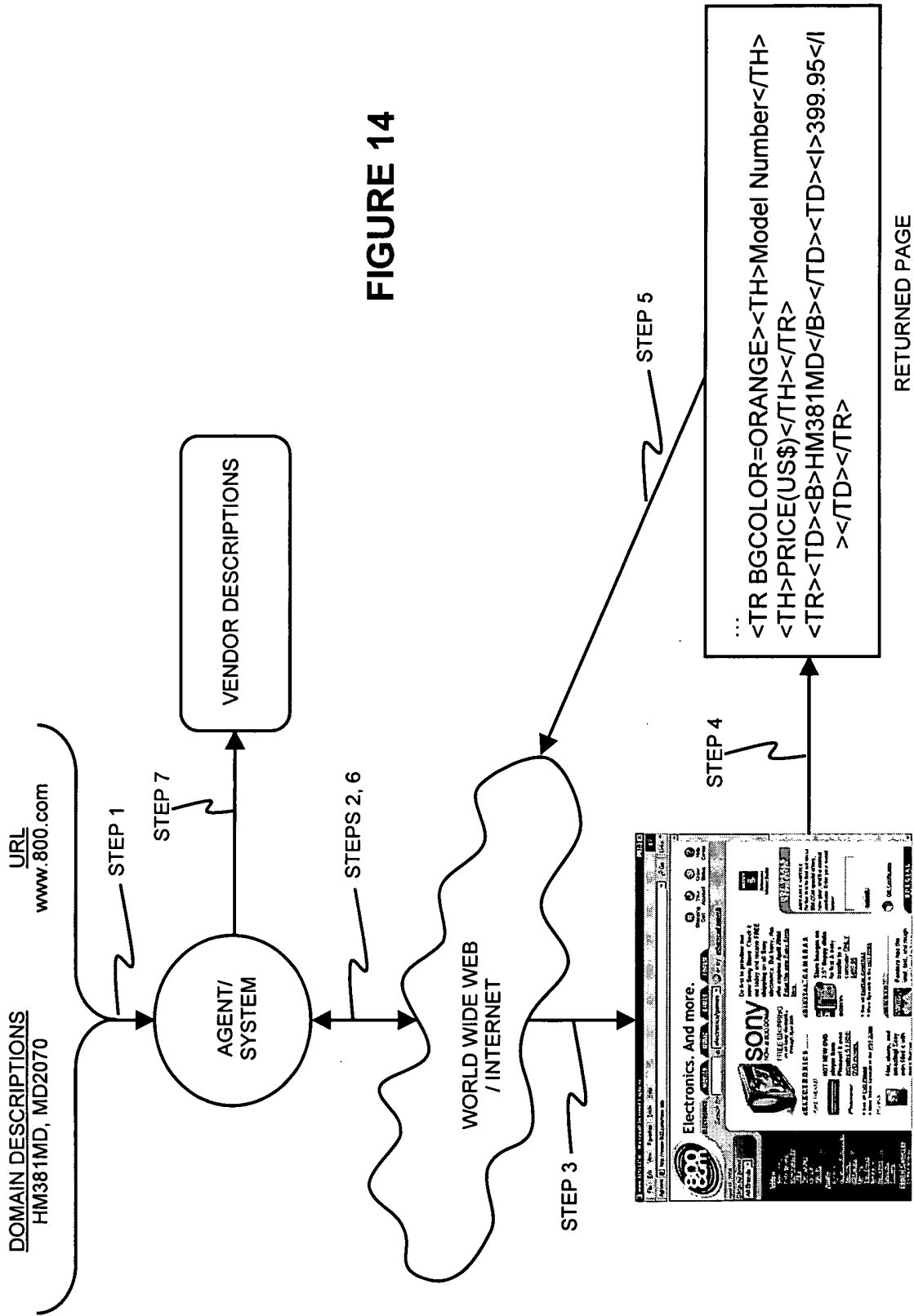


FIGURE 14



FIGURE 15A

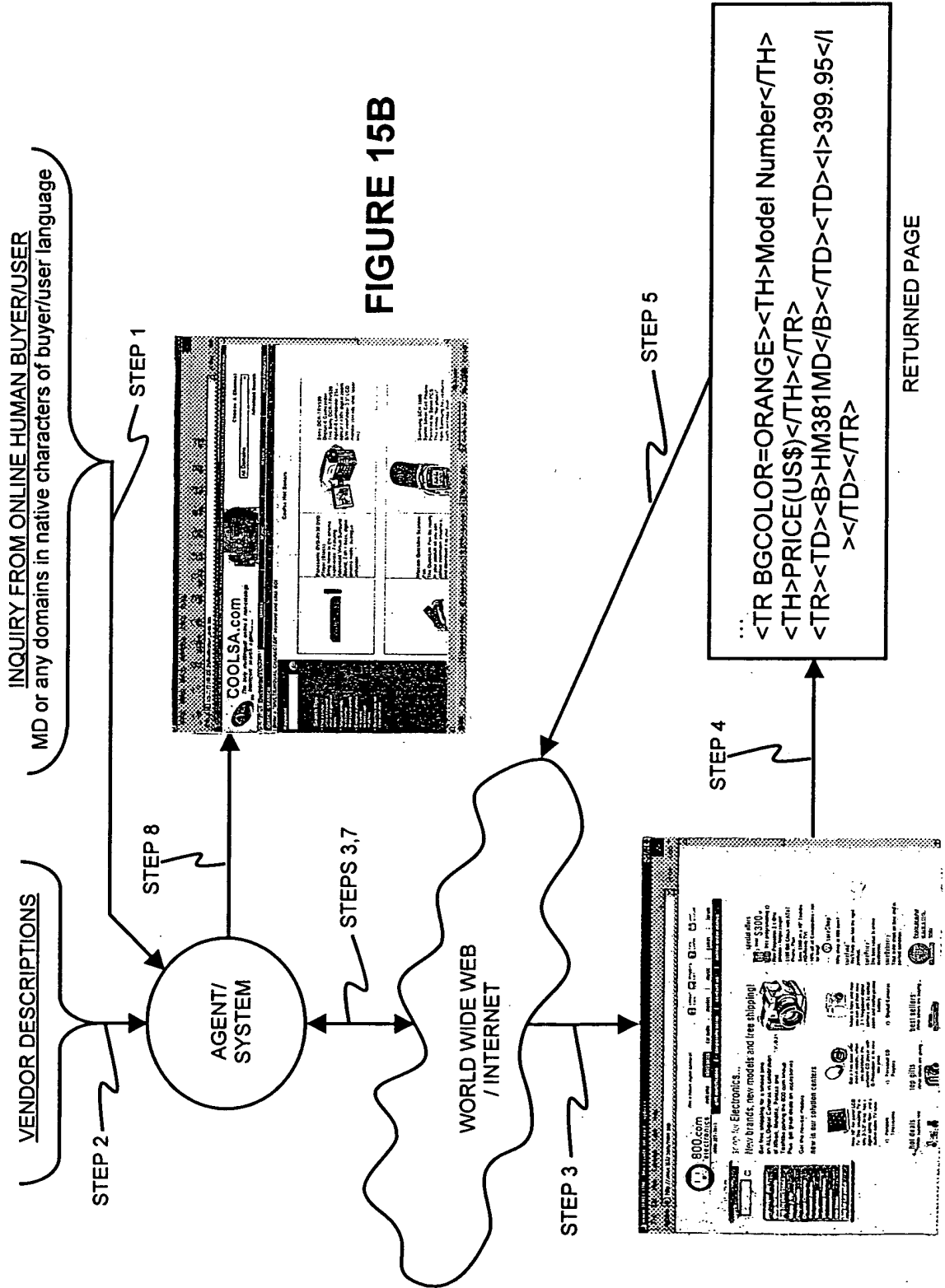


FIGURE 15B

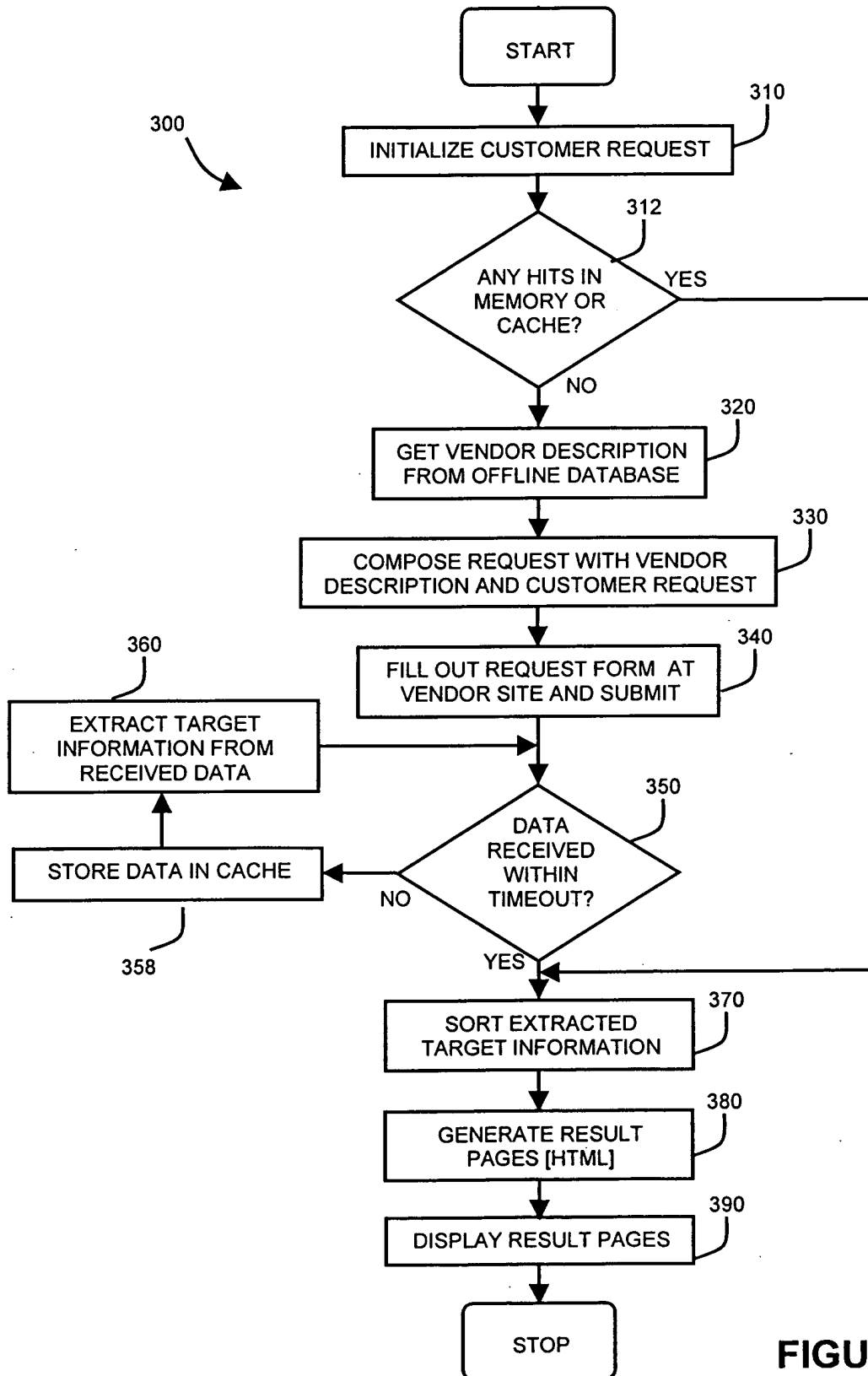


FIGURE 15C

Vendor Information [X]

Vendor Information | Add Vendor

Add Vendor

Details

Vendor Name:

URL:

Form's URL:

Learning Domain:

☒ Provide Training Examples

☐ Enter Wrapper For This Vendor

Head:

Left Delimiter of Item:

Left Delimiter of Price:

Tail:

Right Delimiter of Item:

Right Delimiter of Price:

Save

OK Cancel Apply

FIGURE 16

Vendor Information [X]

Vendor Information | Add Vendor

Add Vendor

Details

Vendor Name:

URL:

Form's URL:

Learning Domain:

☒ Provide Training Examples

☐ Enter Wrapper For This Vendor

| | |
|---|--|
| Head: <input type="text"/> | Tail: <input type="text"/> |
| Left Delimiter of Item: <input type="text"/> | Right Delimiter of Item: <input type="text"/> |
| Left Delimiter of Price: <input type="text"/> | Right Delimiter of Price: <input type="text"/> |

FIGURE 17

Vendor Information [X]

Vendor Information | **Add Vendor**

Vendor Information

Vendor Name:

Details

Vendor Name:

URL:

Form's URL:

Learning Domain:

Wrapper

| | |
|---|--|
| Head: <input type="text"/> | Tail: <input type="text"/> |
| Left Delimiter of Item: <input type="text"/> | Right Delimiter of Item: <input type="text"/> |
| Left Delimiter of Price: <input type="text"/> | Right Delimiter of Price: <input type="text"/> |

FIGURE 18

Vendor Information [X]

Vendor Information | Add Vendor

Vendor Information

Vendor Name: Search

Details

Vendor Name:

URL:

Form's URL:

Learning Domain:

Wrapper

Head:

Tail:

Left Delimiter of Item:

Right Delimiter of Item:

Left Delimiter of Price:

Right Delimiter of Price:

Save

OK Cancel Apply

FIGURE 19

Training Data [X]

Training Example

Vendor:

| Vendor | Training Example |
|------------|--|
| 1cache.com | DVD Virtual Notebook Theater with I-Glas |
| 1cache.com | JVC XV523GD Dolby Digital DVD Player |
| 1cache.com | Pioneer DVL-919 - Combination LD/DVD/ |
| | |
| | |

Vendor:

Example:

FIGURE 20

Learn Vendor Description [X]

Learn Vendor Description

Learning Option

☒

☐ Learn One

Vendor Name:

FIGURE 21

Learn Vendor Description

Learning Option

☐ Learn All

☒ Learn One

Vendor Name:

FIGURE 22

60/236,574 & 60/299,360

Vendor Information [X]

Vendor Information | Add Vendor

Vendor Name:

Details

Vendor Name:

URL:

Form's URL:

Learning Domain:

Wrapper

| | |
|---|--|
| Head: <input type="text" value="5230"/> | Tail: <input type="text" value="D></TD><TD></TD></TR></"/> |
| Left Delimiter of Item: <input type="text" value="G SRC=/img/trans_1x1.gif BORDER=0 WID"/> | Right Delimiter of Item: <input type="text" value="</b"/> |
| Left Delimiter of Price: <input type="text" value="</TD> <TD ALIGN=right><FON"/> | Right Delimiter of Price: <input type="text" value="</T"/> |

FIGURE 23

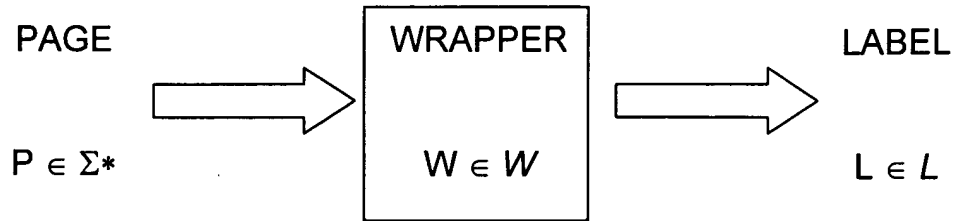


FIGURE 24

```

    procedure execHLRT (wrapper (h, li, ri, lp, rp, t), page P)
        m ← 0
        scan in P to line h
        while the next occurrence of li in P occurs before the next occurrence of t
            m ← m + 1
            scan in P to the next occurrence of li in P; save position as bm,i
            scan in P the next occurrence of ri; save position as em,i
            scan in P to the next occurrence of lp in P; save position as bm,p
            scan in P to next occurrence of rp; save position as em,p
        return label { . . . , <<bmi, emi>, <bmp, emp>> }
    
```

FIGURE 25

Procedure **learn**_{HLRT} (examples ϵ)

1. Generate the candidate sets **Cands**_r(l, ϵ), **Cands**_l(l, ϵ), **Cands**_r(p, ϵ), **Cands**_l(p, ϵ).
2. Enumerate the cross product of these candidate sets; each element $W = (h, l_i, r_i, l_p, r_p, t)$, of this cross product is a wrapper. Halt if W is satisfactory i.e., **exec**_{LR}(W, P_n) = L_n , for every $(P_n, L_n) \in \epsilon$.

FIGURE 26

```

/*
* The main problem
*/
procedure learnHLRT (examples  $\epsilon$ ) for each  $1 < k < K$ 
    for each  $u \in \text{cands}_l(p, \epsilon)$ : if  $\text{valid}_l(u, p, \epsilon)$  then  $l_p \leftarrow u$  and terminate this loop
    for each  $u \in \text{cands}_r(i, \epsilon)$ : if  $\text{valid}_r(u, i, \epsilon)$  then  $r_i \leftarrow u$  and terminate this loop
    for each  $u \in \text{cands}_r(p, \epsilon)$ : if  $\text{valid}_r(u, p, \epsilon)$  then  $r_p \leftarrow u$  and terminate this loop
    for each  $u_{li} \in \text{cands}_l(i, \epsilon)$ 
    for each  $u_h \in \text{cands}_h(\epsilon)$ 
        for each  $u_t \in \text{cands}_t(\epsilon)$ 
            if  $\text{valid}_{i,h,t}(u_{li}, u_h, u_t, \epsilon)$  then
                 $l_i \leftarrow u_{li}$ ,  $h \leftarrow u_h$ ,  $t \leftarrow u_t$ , and terminate these three loops
    return HLRT wrapper ( $h, l_i, r_i, l_p, r_p, t$ )

/*
*Generate a set of candidates for left delimiter of price attribute
*/
procedure  $\text{cands}_l(\text{attribute price, examples } \epsilon)$ 
    return the set of all suffixes of the shortest string in  $\text{neighbors}(\text{price}, \epsilon)$ 

/*
*Generate a set of candidates for right delimiter of attribute a. Here a could be item or price
*/
procedure  $\text{cands}_r(\text{attribute a, examples } \epsilon)$ 
    return the set of all prefixes of the shortest string in  $\text{neighbors}_r(a, \epsilon)$ 

/*
* Generate a set of candidates for a page's head
*/
procedure  $\text{cands}_h(\text{examples } \epsilon)$ 
    return the set of all substrings of the shortest string in  $\text{heads}(\epsilon)$ 

/*
*Generate a set of candidates for a page's tail
*/
procedure  $\text{cands}_t(\text{example } \epsilon)$ 
    return the set of all substrings of the shortest string in  $\text{tails}(\epsilon)$ 

/*
*Determine whether a particular candidate for the left delimiter of price is valid
*This procedure applies constraints C3
*/
procedure  $\text{valid}(\text{candidate } u, \text{attribute price, examples } \epsilon)$ 
    for each  $s \in \text{neighbors}_l(\text{price}, \epsilon)$ : if  $u$  is not a proper suffix of  $s$  then return FALSE
    
```

Figure 27A


```

for each  $s \in \text{tails}(\epsilon)$ : If  $u$  is a sub string of  $s$  then return FALSE
return TRUE

/*
*Determine whether a particular candidate for the right delimiter of item or price is
*valid
*This procedure applies constraints C1 and C2
*/
procedure validr(candidate  $u$ , attribute  $a$ , examples  $\epsilon$ )
for each  $s \in \text{attribs}(a, \epsilon)$ : if  $u$  is a sub string of  $s$  then return FALSE
for each  $s \in \text{neighbors}(a, \epsilon)$ : if  $u$  is not a prefix of  $s$  then return FALSE
return TRUE

/*
*Determine whether a particular combination of candidate  $u_h$ ,  $u_t$ , and  $u_{li}$  for  $h$ ,  $t$ , and
- respectively are satisfactory.
*/
procedure validli,h,t(candidates  $u_{li}$ ,  $u_h$ ,  $u_t$ , example  $\epsilon$ )
for each  $s \in \text{heads}(\epsilon)$ 
    if  $u_h$  is not a sub string of  $s$  then return FALSE
    if  $u_{li}$  is not a proper suffix of scan ( $s$ ,  $u_h$ ) then return FALSE
    if  $u_t$  occurs before  $u_{li}$  in scan ( $s$ ,  $u_h$ ), then return FALSE
for each  $s \in \text{tails}(\epsilon)$ 
    if  $u_t$  is not a sub string of  $s$  then return FALSE
    if  $u_{li}$  occurs before  $u_t$  in  $s$  then return FALSE
for each  $s \in \text{seps}(\epsilon)$ 
    if  $u_{li}$  is not a proper suffix of  $s$  then return FALSE
    if  $u_t$  occurs before  $u_{li}$  in  $s$  then return FALSE
return TRUE

/*
*Return a set of containing all values of a attribute, either item( $i$ ) or price( $p$ ) in each
*example
*/.
procedure attribs(attribute  $a$ , examples  $\epsilon$ )
return  $U_{(Pn,Ln)} \in \epsilon(Pn[b_{m,a}, e_{m,a}] | < \dots, (b_{m,k}, e_{m,k}), \dots > \in L_n)$ 

/*
*Return all strings to the left of an attribute, whether these strings are in the heads
* or the bodies of the pages
*/
procedure neighborsi(attribute  $a$ , examples  $\epsilon$ )
    if  $a=i$  then return seps ( $i, \epsilon$ )  $\cup$  heads ( $\epsilon$ ) else return seps ( $a, \epsilon$ )
/*

```

FIGURE 27B

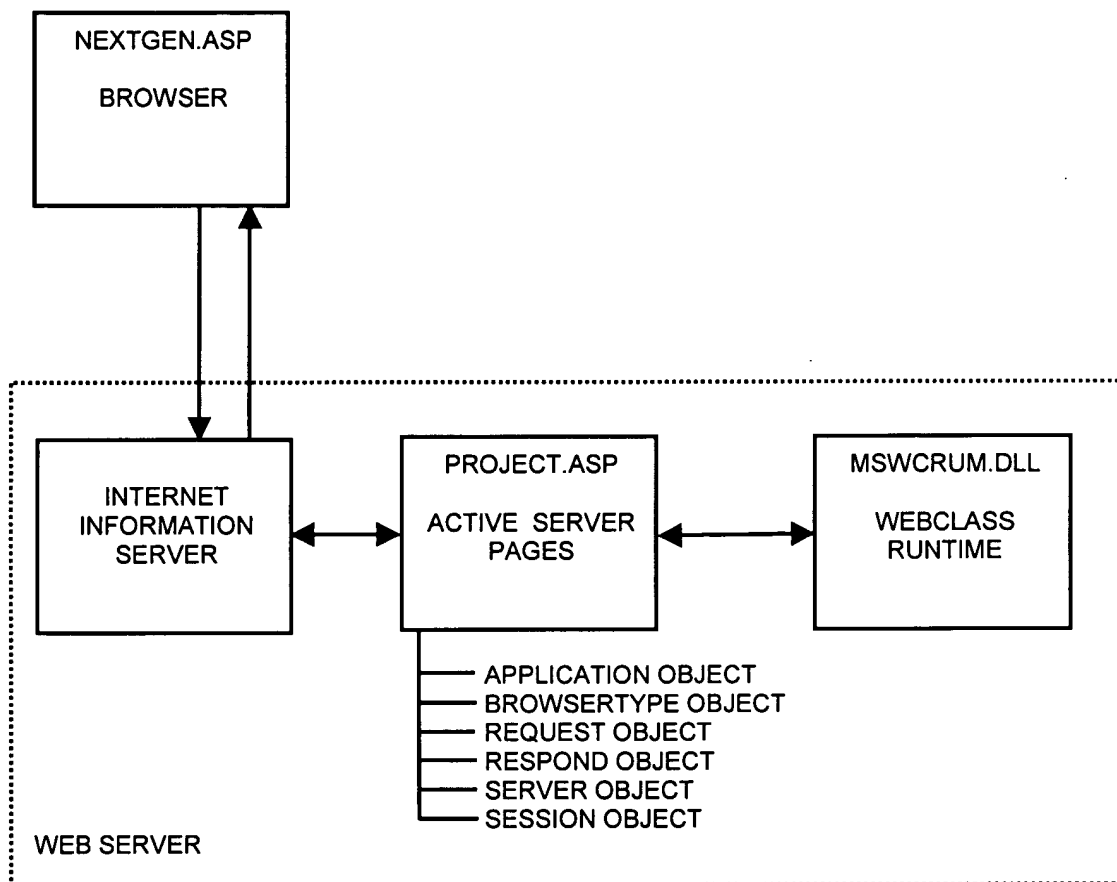


FIGURE 28

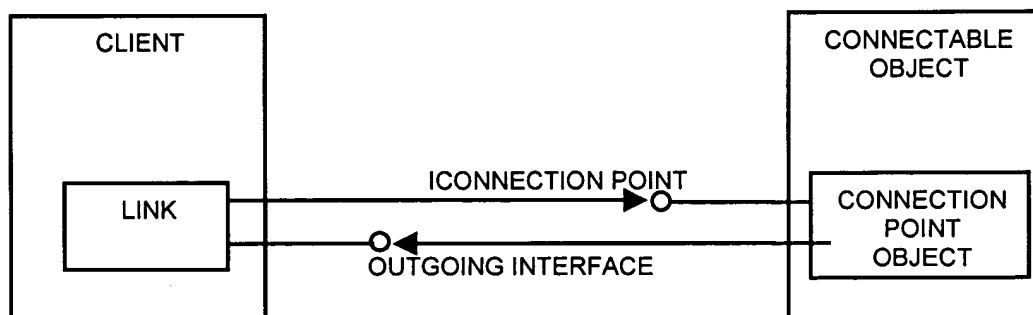


FIGURE 29

FIGURE 30

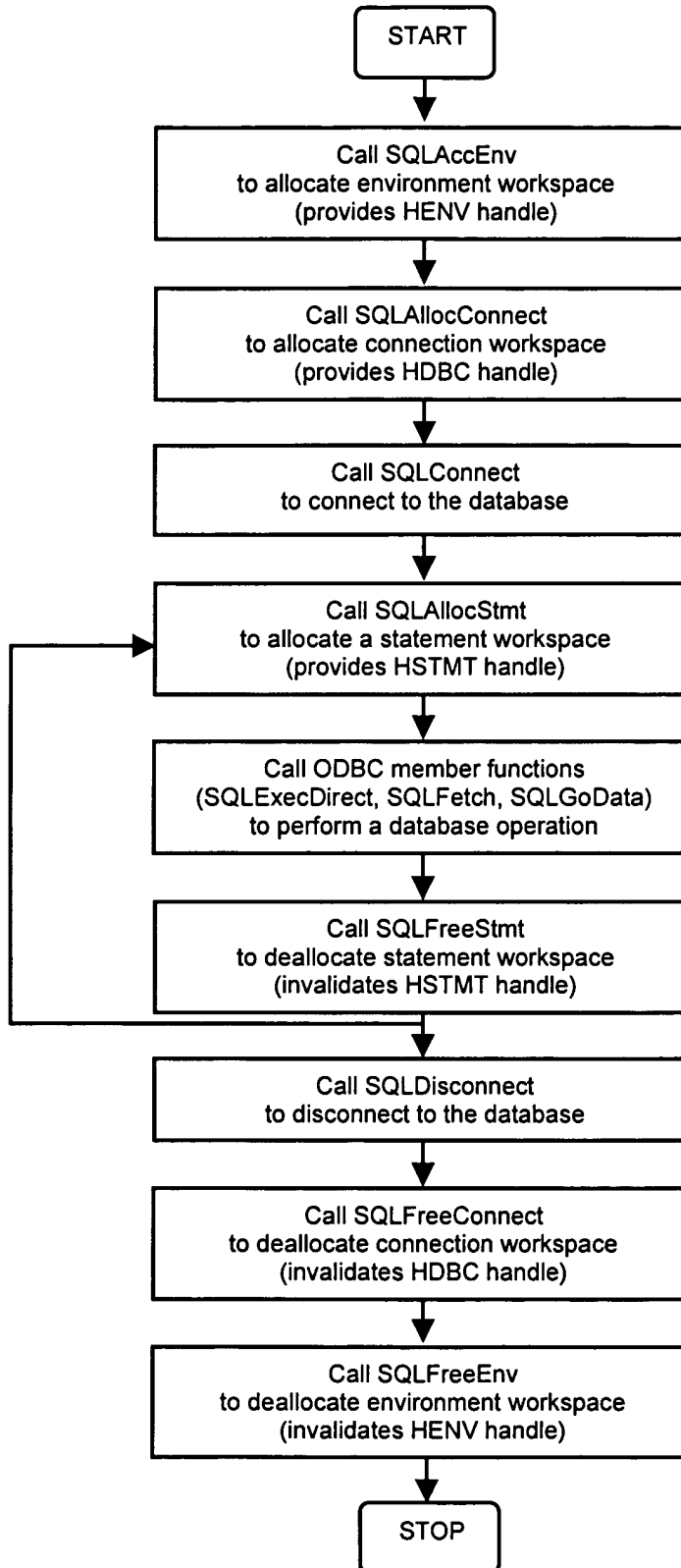
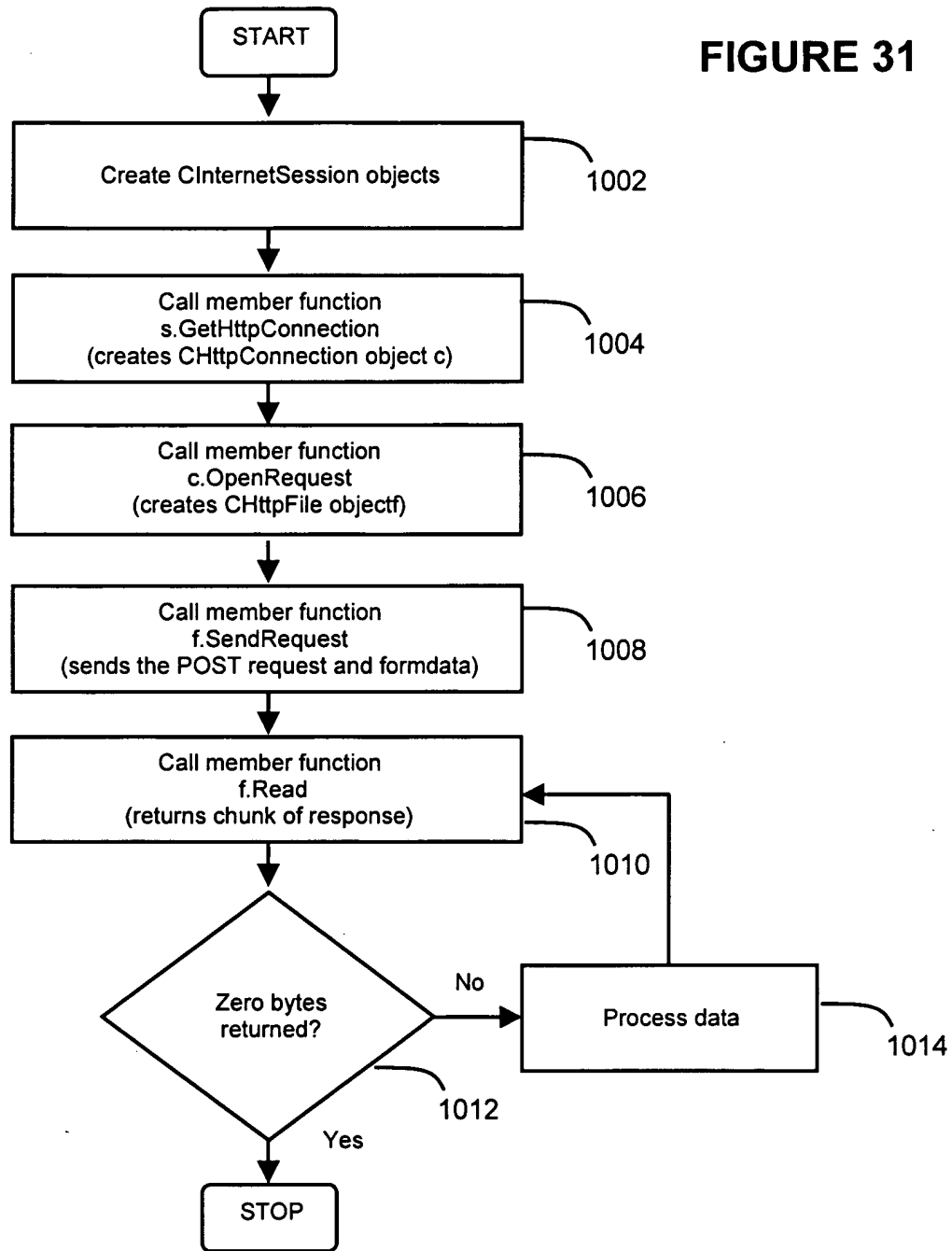


FIGURE 31



| | |
|--|---|
| <div style="display: flex; justify-content: space-between; border-bottom: 1px solid black; margin-bottom: 5px;"> <div style="width: 15%;"></div> <div style="width: 55%; text-align: center;">NAVIGATION BUTTONS TO OTHER PAGES IN WEBSITE</div> <div style="width: 30%;"></div> </div> | |
| <div style="text-align: center; font-weight: bold; margin-bottom: 20px;">WEBSITE LOGO</div> <div style="text-align: center;"> <div style="display: flex; justify-content: center; gap: 10px;"> <div> <p>Choose a Channel</p> <div style="border: 1px solid black; padding: 2px 5px; display: flex; align-items: center;"> All Ontological Domains <div style="margin-left: 5px;">▼</div> </div> </div> <div> <p>Advanced Search</p> </div> </div> </div> | <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center; font-weight: bold;">QUICK SEARCH</p> <p style="text-align: center;">Enter a "MULTILINGUAL CHARACTER" keyword and click GO!</p> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Keyword: <input style="width: 80%;" type="text"/></p> <p style="text-align: right; margin-top: 5px;"> <input style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;" type="button" value="GO!"/> </p> </div> <div style="width: 50%; text-align: center;"> <p>SEARCH TIPS</p> <p>* * *</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p>MEMBER SIGN IN</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <input style="width: 40%;" type="text"/> <input style="width: 40%;" type="text"/> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <input style="width: 40%; border: 1px solid black;" type="button" value="Login"/> <input style="width: 40%; border: 1px solid black;" type="button" value="Reset"/> </div> </div> <div style="width: 50%;"> <div style="border: 1px solid black; padding: 10px; height: 150px; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <p style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold;">WEBSITE INTRODUCTORY TEXT AND IMAGES</p> </div> <div style="border: 1px solid black; padding: 10px; height: 150px; display: flex; flex-direction: column; align-items: center; justify-content: center;"> <p style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold;">Reverse Advertising Sites</p> </div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p style="font-weight: bold;">Registered Vendor Links</p> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> Abcd.com cdef.com </div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> 1234z.com 23ezid..com </div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> pkkw.com er5 cin.com </div> </div> <div style="width: 50%; text-align: right;"> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <input style="width: 20px; height: 20px; border: 1px solid black; border-radius: 50%; margin-right: 5px;" type="button"/> <p>Feedback</p> </div> <div style="display: flex; align-items: center;"> <input style="width: 20px; height: 20px; border: 1px solid black; border-radius: 50%; margin-right: 5px;" type="button"/> <p>Submit</p> </div> </div> </div> |

FIGURE 32

| | | | | |
|--|--|--|--|--|
| NAVIGATION BUTTONS TO OTHER PAGES IN WEBSITE | | | | |
| <div>WEBSITE LOGO</div> <div>Choose a Channel</div> <div>ALL G2B PROCUREMENT DOMAINS ▾</div> <div>Advanced Search</div> <div>DOMAIN A</div> <div>DOMAIN B</div> <div>DOMAIN C</div> <div>DOMAIN D</div> <div>OTHER DOMAINS</div> | | | | |
| QUICK SEARCH | | | | |
| Enter a "MULTILINGUAL CHARACTER" keyword and click GO! | | | | |
| Keyword: <input type="text"/> <input type="button" value="GO!"/> | <div> Company A Information about G2B Company A </div> <div> Company G Information about G2B Company G </div> <div>Reverse Advertising Sites</div> | | | |
| <div> <input type="button" value="GO!"/> </div> <div>SEARCH TIPS</div> <div>* * *</div> | <div> <input type="button" value="Feedback"/> </div> <div>Submit!</div> | | | |
| <div> <input type="button" value="Registered Vendor Links"/> </div> <div> Abcd.com cdef.com </div> <div> 1234z.com 23ezid..com </div> <div> pkkw.com er5lcn.com </div> | | | | |

FIGURE 33

| | | | | | | | | | | | | | |
|--|-------|--|--------------------|---------------|--|-------------|-------|---|--------------------|--|-------|---|------|
| | | NAVIGATION BUTTONS TO OTHER PAGES IN WEBSITE | | | | | | | | | | | |
| <div>WEBSITE LOGO</div> | | | | | | | | | | | | | |
| <div>Choose a Channel</div> <div>All G2B Tender Procurement Domains <input checked="" type="checkbox"/></div> <div>Advanced Search</div> | | | | | | | | | | | | | |
| DOMAIN A | | DOMAIN B | | DOMAIN C | | | | | | | | | |
| DOMAIN D | | DOMAIN E | | OTHER DOMAINS | | | | | | | | | |
| ADVANCED SEARCH AGENTS ARE ON! | | | | | | | | | | | | | |
| Enter a "MULTILINGUAL CHARACTER" keyword and click GO! | | | | | | | | | | | | | |
| <div>SEARCH TIPS</div> <div>* * *</div> | | | | | | | | | | | | | |
| <div><input type="checkbox"/> Select All</div> <div>Multilingual Government Networks</div> <table border="1"><tr><td>Public Body</td><td>Speed</td><td>Air/Shipping/Ground/Free Overnight Del.</td><td>Ease of Navigation</td></tr><tr><td><input type="checkbox"/> G2B Company G</td><td>↑↑↑↑↑</td><td>⇒</td><td>EEEE</td></tr></table> | | | | | | Public Body | Speed | Air/Shipping/Ground/Free Overnight Del. | Ease of Navigation | <input type="checkbox"/> G2B Company G | ↑↑↑↑↑ | ⇒ | EEEE |
| Public Body | Speed | Air/Shipping/Ground/Free Overnight Del. | Ease of Navigation | | | | | | | | | | |
| <input type="checkbox"/> G2B Company G | ↑↑↑↑↑ | ⇒ | EEEE | | | | | | | | | | |
| <div>Time Out</div> <div>Reserved Price Range</div> <div>Manufacturer or OEM</div> <div>Keyword:</div> <div><div><input type="text"/></div><div>From \$</div><div><input type="text"/></div><div>To \$</div><div><input type="text"/></div><div><input type="text"/></div><div>GO!</div></div> | | | | | | | | | | | | | |

FIGURE 34

| | | | | |
|---|---|---|----------|---------------|
| NAVIGATION BUTTONS TO OTHER PAGES IN WEBSITE | | | | |
| <div> <div>WEBSITE LOGO</div> <div> <div>Choose a Channel</div> <div>All Ontological Domains</div> </div> <div>Advanced Search</div> </div> | | | | |
| DOMAIN A | DOMAIN B | DOMAIN C | DOMAIN D | OTHER DOMAINS |
| QUICK SEARCH | | | | |
| Enter a "MULTILINGUAL CHARACTER" keyword and click GO! | | | | |
| Keyword: <input type="text"/> SEARCH TIPS * * * | <div> <div> For B2B Trading Exchanges, Auctions, Vertical Portals, Production and Non- Production e- Procurement Supplies </div> <div> Agricultural / Farming Apparel Automotive/ Transportation Business Machines Computers & Electronics Industrial Equipment Medical & Scientific Equipment </div> <div> More Business to Business MRO/Raw Materials Office Furnishings Office Supplies Real Estate Restaurant/Hospitality Services Travel & Entertainment </div> </div> | | | |
| Registered Vendor Links Abcd.com 1234z.com pkkw.com | | Feedback <input type="text"/> <input type="submit" value="Submit"/> | | |

FIGURE 35

| NAVIGATION BUTTONS TO OTHER PAGES IN WEBSITE | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|---|--------------------|---------------|---------------|-------|---|--------------------|--|-------|---|------|--|-------|---|------|--|-------|---|------|--|-------|---|------|
| WEBSITE LOGO | | | | | | | | | | | | | | | | | | | | | | | | |
| Choose a Channel | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>All Ontological Domains</div> | | | | | | | | | | | | | | | | | | | | | | | | |
| Advanced Search | | | | | | | | | | | | | | | | | | | | | | | | |
| DOMAIN A | DOMAIN B | DOMAIN C | DOMAIN D | OTHER DOMAINS | | | | | | | | | | | | | | | | | | | | |
| ADVANCED SEARCH AGENTS ARE ON! | | | | | | | | | | | | | | | | | | | | | | | | |
| Enter a "MULTILINGUAL CHARACTER" keyword and click GO! | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>SEARCH TIPS</div> | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Multilingual B2B Suppliers</div> | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div><input type="checkbox"/> Select All</div><table border="1"><thead><tr><th>Online Stores</th><th>Speed</th><th>Air/Shipping/Ground/Free Overnight Del.</th><th>Ease of Navigation</th></tr></thead><tbody><tr><td><input type="checkbox"/> B2B Company 1</td><td>↑↑↑↑↑</td><td>⇒</td><td>EEEE</td></tr><tr><td><input type="checkbox"/> B2B Company 2</td><td>↑↑↑↑↑</td><td>⇒</td><td>EEEE</td></tr><tr><td><input type="checkbox"/> B2B Company 3</td><td>↑↑↑↑↑</td><td>⇒</td><td>EEEE</td></tr><tr><td><input type="checkbox"/> B2B Company 4</td><td>↑↑↑↑↑</td><td>⇒</td><td>EEEE</td></tr></tbody></table></div> | | | | | Online Stores | Speed | Air/Shipping/Ground/Free Overnight Del. | Ease of Navigation | <input type="checkbox"/> B2B Company 1 | ↑↑↑↑↑ | ⇒ | EEEE | <input type="checkbox"/> B2B Company 2 | ↑↑↑↑↑ | ⇒ | EEEE | <input type="checkbox"/> B2B Company 3 | ↑↑↑↑↑ | ⇒ | EEEE | <input type="checkbox"/> B2B Company 4 | ↑↑↑↑↑ | ⇒ | EEEE |
| Online Stores | Speed | Air/Shipping/Ground/Free Overnight Del. | Ease of Navigation | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> B2B Company 1 | ↑↑↑↑↑ | ⇒ | EEEE | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> B2B Company 2 | ↑↑↑↑↑ | ⇒ | EEEE | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> B2B Company 3 | ↑↑↑↑↑ | ⇒ | EEEE | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> B2B Company 4 | ↑↑↑↑↑ | ⇒ | EEEE | | | | | | | | | | | | | | | | | | | | | |
| Time Out | | | | | | | | | | | | | | | | | | | | | | | | |
| Price Range | | | | | | | | | | | | | | | | | | | | | | | | |
| Manufacturer | | | | | | | | | | | | | | | | | | | | | | | | |
| Keyword: | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>From \$ To \$</div> | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>GO!</div> | | | | | | | | | | | | | | | | | | | | | | | | |

FIGURE 36

NAVIGATION BUTTONS TO OTHER PAGES IN WEBSITE

WEBSITE LOGO

Choose a Channel

All Domains

Advanced Search

DOMAIN A

DOMAIN B

DOMAIN C

DOMAIN D

OTHER DOMAINS

QUICK SEARCH

Enter a "MULTILINGUAL CHARACTER" keyword and click GO!

Keyword:

GO!

SEARCH TIPS

*
*
*

Hot Sellers Domain A

| | | | |
|--------------|--------------------|--------------|--------------------|
| Image Item A | Description Item A | Image Item B | Description Item B |
| Image Item 1 | Description Item 1 | Image Item G | Description Item G |
| Image Item A | Description Item A | Image Item K | Description Item K |

Registered Vendor Links

Abcd.com

cdef.com

1234z.com

23ezid.com

pkkw.com

er5lcin.com

Feedback

Submit

FIGURE 37

NAVIGATION BUTTONS TO OTHER PAGES IN WEBSITE

WEBSITE LOGO

Choose a Channel
All Domains

Advanced Search

DOMAIN A

DOMAIN B

DOMAIN C

DOMAIN D

OTHER DOMAINS

ADVANCED SEARCH AGENTS ARE ON!

Enter a "MULTILINGUAL CHARACTER" keyword and click GO!

SEARCH TIPS
*
*
*

☐ Select All

English Vendors

| Online Stores | Speed | Air/Shipping/Ground/Free Overnight Del. | Ease of Navigation |
|--------------------------------------|--------|---|--------------------|
| <input type="checkbox"/> Store 1AAC | ↑↑↑↑ | ⇒ | EEEE |
| <input type="checkbox"/> Store 1443A | ↑↑↑↑↑↑ | ⇒ | EE |
| <input type="checkbox"/> Store 1443A | ↑↑↑↑↑ | ⇒ | EE |

☐ Select All

Chinese Vendors

| | | | |
|---------------------------------------|-------|---|------|
| <input type="checkbox"/> Store C5A3 | ↑↑↑↑↑ | ⇒ | EEEE |
| <input type="checkbox"/> Store DRGWS4 | ↑↑↑↑↑ | ⇒ | EEEE |

Time Out

From \$

To \$

Price Range

Manufacturer

Keyword:

Go!

FIGURE 38

NAVIGATION BUTTONS TO OTHER PAGES IN WEBSITE

WEBSITE LOGO

Choose a Channel

ALL DOMAINS

Advanced Search

DOMAIN A

DOMAIN B

DOMAIN C

DOMAIN D

OTHER DOMAINS

QUICK SEARCH

Enter a "MULTILINGUAL CHARACTER" keyword and click GO!

Keyword:

GO!

SEARCH TIPS

*
*
*

Search Results

Products

Your search for XX returned 5 Domain C items.

| Model / Features | Store | Price |
|------------------------------|---------------|---------------------|
| AMS7 XX Widget [Features] | Store 1443A | \$399.95 Buy now |
| AMS2 XX Widget [Features] | Store 1443A | \$329.95 Buy now |
| AMS7 XX Widget [Features] | Store DRGWS4 | \$459.95 Buy now |
| AMS7 XX Widget [Features] | Store 4U\$U\$ | \$499.95 Buy now |
| ZRTQ XX Widget [Features] | Store OOHE | \$529.95 Buy now |

FIGURE 39